

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. OR03-08001

First Inventor Shu Ling

Title System and Method for Invalidating Data in a Hierarchical Caches

Express Mail Label No. EL 978 246 377 US

PTO
19270
10/7/2003
120203

APPLICATION ELEMENTS <small>See MPEP chapter 600 concerning utility patent application contents.</small>		ADDRESS TO: MS Patent Application Commissioner for Patents Alexandria, VA 22313-1450
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original, and a duplicate for fee processing)</i></p> <p>2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages 24] <i>(preferred arrangement set forth below)</i> <ul style="list-style-type: none"> - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure </p> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 3]</p> <p>5. Oath or Declaration [Total Pages 4] <ul style="list-style-type: none"> a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i> <ul style="list-style-type: none"> i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b). </p> <p>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76.</p>		
<p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> <ul style="list-style-type: none"> a. <input type="checkbox"/> Computer Readable Copy (CRF) b. Specification Sequence Listing on: <ul style="list-style-type: none"> i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statement verifying identity of above copies </p>		
<p>ACCOMPANYING APPLICATION PARTS</p> <p>9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))</p> <p>10. <input type="checkbox"/> 37 C.F.R. §3.73(b) Statement <input type="checkbox"/> Power of Attorney <i>(when there is an assignee) (Combined with Declaration)</i></p> <p>11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i></p> <p>12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>13. <input type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i></p> <p>15. <input type="checkbox"/> Certified copy of Priority Document(s) <i>(if foreign priority is claimed)</i></p> <p>16. <input type="checkbox"/> Certified Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</p> <p>17. <input checked="" type="checkbox"/> Other: Power of Atty by Assignee; Credit Card payment form</p>		

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No.: _____ / _____ filed _____

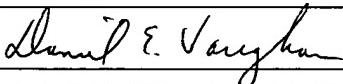
Prior application information: Examiner: _____

Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label			<input type="checkbox"/> Correspondence address below
Name	Park, Vaughan & Fleming <small>(Insert Customer No. or attach bar code label here)</small>		
Address	PATENT TRADEMARK OFFICE		
City	State	Zip Code	
Country	Telephone	Fax	

Name (Print/Type)	Daniel E. Vaughan	Registration No. (Attorney/Agent)	42,199
Signature		Date	December 2, 2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Transmittal (Application)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

Complete if Known

Application Number	
Filing Date	December 2, 2003
First Named Inventor	Shu Ling
Examiner Name	
Group Art Unit	

TOTAL AMOUNT OF PAYMENT (\$ 1,144

Attorney Docket No. OR03-08001

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:

Deposit Account Number 50-1801
Deposit Account Name Park, Vaughan & Fleming LLP

- Charge any Additional Fee Required Under 37 CFR 1.16 and 1.17
 Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed:

- Check Credit card Money Other Order

FEE CALCULATION**1. BASIC FILING FEE**

Large Entity Small Entity

Fee Code (\$)	Fee 1001	Fee Code (\$)	Fee Description	Fee Paid
770	2001	385	Utility filing fee	770
340	2002	170	Design filing fee	
530	2003	265	Plant filing fee	
770	2004	385	Reissue filing fee	
160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$ 770

2. EXTRA CLAIM FEES

Total Claims	Extra Claims -20** =	Fee from below X 18	Fee Paid
29	9	X 18	162
Independent Claims	5 -3 ** = 2	X 86	172

Multiple Dependent

**or number previously paid, if greater; For Reissues, see below

Large Entity Small Entity

Fee Code (\$)	Fee 1202	Fee Code (\$)	Fee Description
18	2202	9	Claims in excess of 20
86	2201	43	Independent claims in excess of 3
290	2203	145	Multiple dependent claim
86	2204	43	** Reissue independent claims over original patent
18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 334

3. ADDITIONAL FEES

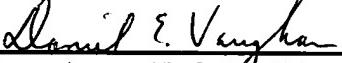
Large Entity Small Entity

Fee Code (\$)	Fee 1051	Fee Code (\$)	Fee Description	Fee Paid
130	2051	65	Surcharge – late filing fee or oath	
50	2052	25	Surcharge – late provisional filing fee or cover sheet	
130	1053	130	Non-English specification	
2520	1812	2520	Request for ex parte reexamination	
920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1840*	1805	1840*	Requesting publication of SIR after Examiner action	
110	2255	55	Extension for reply within first month	
420	2252	210	Extension for reply within second month	
950	2253	475	Extension for reply within third month	
1480	2354	740	Extension for reply within fourth month	
2010	2255	1005	Extension for reply within fifth month	
330	2401	165	Notice of Appeal	
330	2402	165	Filing a brief in support of an appeal	
290	2403	145	Request for oral hearing	
1510	1451	1510	Petition to institute a public use proceeding	
110	2452	55	Petition to revive – unavoidable	
1330	2453	665	Petition to revive – unintentional	
1330	2501	665	Utility issue fee (or reissue)	
480	2502	240	Design issue fee	
640	2503	320	Plant issue fee	
130	1460	130	Petitions to the Commissioner	
50	1807	50	Processing fee for provisional applications	
180	1806	180	Submission of Information Disclosure Stmt	
40	8021	40	Recording each patent assignment per property (times number of properties)	
770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
770	2801	385	Request for Continued Examination (RCE)	
900	1802	900	Request for expedited examination of a design application	
Other fee (specify) _____				

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40

Complete if applicable

Name (Print/Type)	Daniel E. Vaughan	Registration No. (Attorney/Agent)	42,199	Telephone	650-474-1973
Signature				Date	December 2, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information & authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.